

EAGLE TECHNICAL BULLETIN

REF. TCCA STC: SH14-47
REF. FAA STC: SR03496NY

Eagle Service Bulletin Number: **TB-E407-789-15**

Purpose: To allow the optional start switch upgrade.

Eligible Serial Numbers: All - with SR09239RC installed.

Compliance: **Mandatory**.

Description:

This Technical Bulletin provides installation information for the 407HP installation as it applies to Bell 407 aircraft with Aeronautical Accessories Inc. Pulse Light Kit installed per STC SR09239RC.

Remove Parts: Table 1

QTY	PART NUMBER	DESCRIPTION
X	F48-13000-07	AERONAUTICAL PULSE LIGHT KIT
1	407-799-101	OVERLAY PANEL ASSEMBLY
1	407-798-122	PANEL
1	MS27407-6*	TOGGLE SWITCH, STARTER

* Remove for 407HP Starter Switch Upgrade.

Parts list: Table 2

QTY -011	PART NUMBER	DESCRIPTION
X	TB-E407-789-15-011	COLLECTIVE HEAD SWITCH PANEL UPGRADE KIT
1	0789-02-158-X	COLLECTIVE DISPLAY PANEL ASSEMBLY
1	0789-02-159-1	COLLECTIVE SWITCH PLATE ASSEMBLY
1	MS24525-30*	TOGGLE SWITCH, STARTER

* Add part for 407HP Starter Switch Upgrade.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

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BY: _____

D. SHEPHERD (DE # 02)

DATE: 18.08.09
CERT. NO.: SH14-47
ISSUE NO.: 1

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A	NEW ISSUE		PM	18.08.09
REV.	DESCRIPTION		BY	DATE
DESIGN	PM	EAGLE COPTERS LTD CALGARY, ALBERTA, CANADA		
DRAWN	PM			
CHECKED		DRAWING NO.	REV. A4	
MFG. APPR.		TB-E407-789-15	SHEET 1 OF 4	
APPROVED		TITLE	SCALE	
DE APPR.		COLLECTIVE SWITCH PANEL	NTS	
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Procedure:

1. Ensure power supply is switched off and disconnected, remove the P/N 407-799-101 Overlay Panel Assembly and P/N 407-798-122 Panel.
2. Remove P/N A218-100646-04 4 Way Switch, P/N MS24523-21 Landing light Switch, P/N MS24523-21 Forward Recog Light Switch and P/N MS27407-6 Start Switch from the Panel.
3. Disconnect electrical connections from the Start Switch and remove the switch.
4. Install the previously removed (in step 2) 4 Way Switch, Landing Light Switch and Forward Recog Light Switch on the 0789-02-159-1 Switch Plate Assembly per Figure 1.
5. Install P/N MS24525-30 Start Switch on the 0789-02-159-1 Switch Plate Assembly per Figure 1.
6. Connect wiring to Start Switch per IIN-E407-789 and wiring diagram 0789-14-001.
7. Install 0789-02-159-1 Switch Plate Assembly with Switches installed on the collective head using existing hardware per Figure 1.
8. Install 0789-02-158-X Panel Assembly on the collective head using existing hardware per Figure 1.
9. Notify Eagle Copters that this Technical Bulletin has been accomplished by filling in the attached form (Sheet 4) and emailing it to Eagle Copters.
10. Make entry into aircraft technical reports to indicate TB-E407-789-15 has been completed.

Weight and Balance:

The incorporation of this TB has a negligible effect on the aircraft weight and balance.

CANADA
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MFG. APPR.		TB-E407-789-15	
APPROVED		REV. A4	
DE APPR.		SHEET 2 OF 4	
DATE	18.08.09	TITLE	
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		COLLECTIVE SWITCH PANEL	
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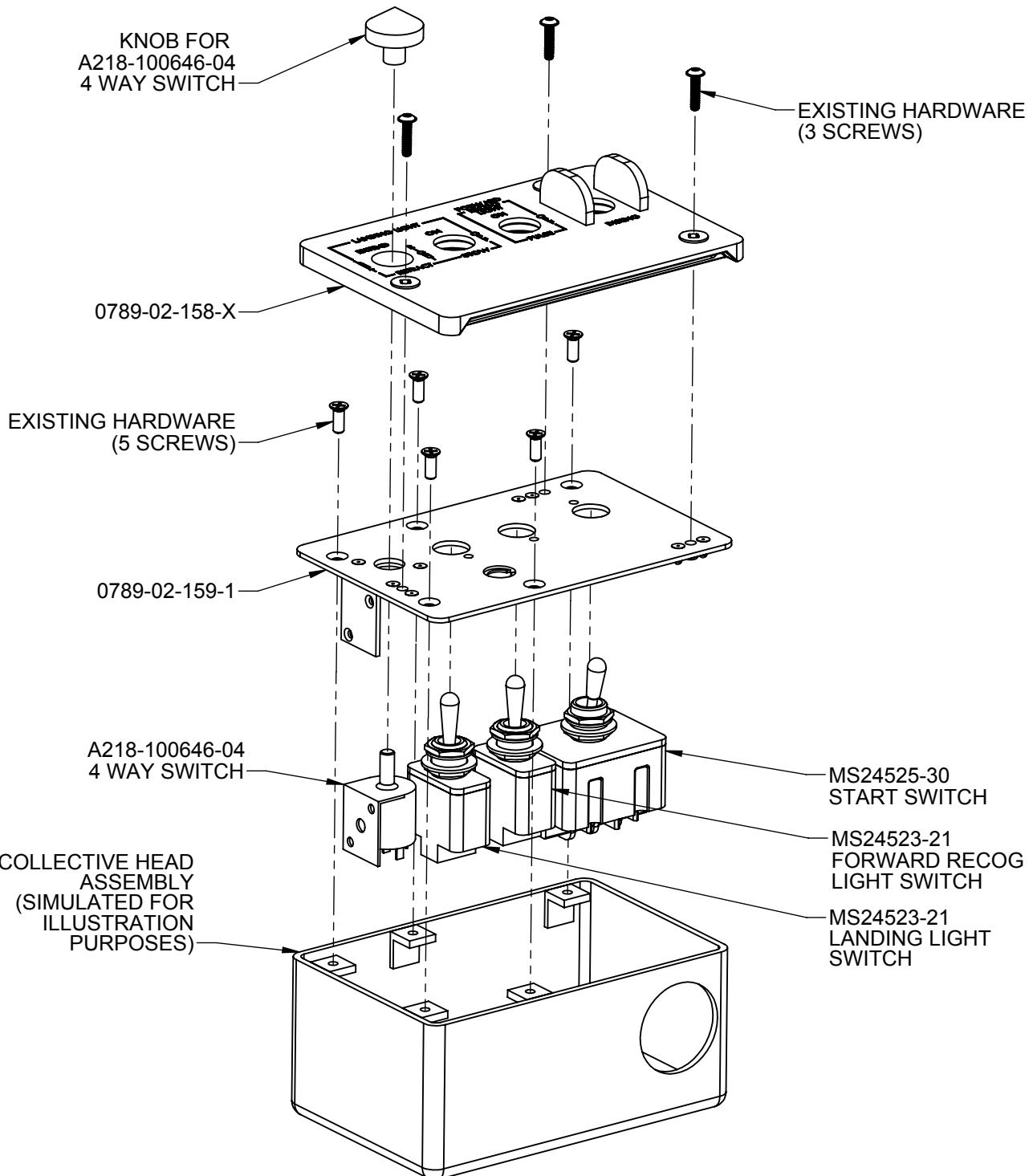


FIGURE 1: START SWITCH UPGRADE COMPONENTS INSTALLATION

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NOTIFY EAGLE COPTERS THAT THE TB-E407-789-15 HAS
BEEN INCORPORATED INTO THE AIRCRAFT LISTED
BELOW.

AIRCRAFT SERIAL NUMBER: _____

AIRCRAFT OWNER: _____

DATE TB-E407-789-15 WAS INCORPORATED ON THE ABOVE
AIRCRAFT:

SIGNATURE OF PERSON RESPONSIBLE FOR ENTRY INTO
AIRCRAFT TECHNICAL RECORD:

PRINT NAME OF PERSON RESPONSIBLE FOR ENTRY INTO
AIRCRAFT TECHNICAL RECORD:

Email this page to: mboyce@eaglecopters.com

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